

**SCHEDULE 9.2.3**  
**SWITCHING CAPABILITY**

**1.0 LOCAL SWITCHING**

- 1.1 The Unbundled Local Switching (ULS) capability, to be provided on an unbundled basis pursuant to this Agreement, is defined as set forth in FCC Rule 51.319. Pursuant to that Rule, ULS includes:
  - 1.1.1 line-side facilities, which include the connection between a Loop termination at the Main Distribution Frame and a switch line card;
  - 1.1.2 trunk-side facilities, which include the connection between trunk termination at a trunk-side cross-connect panel and a switch trunk card; and
  - 1.1.3 all features, functions, and capabilities of the switch available from the specific port type (line side or trunk side), which include:
    - 1.1.3.1 the basic switching function of connecting lines to lines, lines to trunks, trunks to lines, and trunks to trunks, as well as the same basic capabilities made available to ILEC customers, such as a telephone number, white page listing, and dial tone;
    - 1.1.3.2 access to OS/DA and 9-1-1; and
    - 1.1.3.3 all other features that the switch provides, including custom calling, CLASS features and Centrex as well as any technically feasible custom routing provided by the switch.
- 1.2 Specific Terms and Conditions for Unbundled Local Switching (ULS)
  - 1.2.1 Unbundled Local Switching uses routing instructions resident in the **SBC-AMERITECH** switch to direct all Requesting Carrier traffic.
  - 1.2.2 Vertical features, CLASS features, and other features resident in the **SBC-AMERITECH** switch providing the ULS port are available under ULS. Refer to State-specific Appendix Pricing for **SBC-AMERITECH**. Refer to state specific Appendix Pricing for **SBC-AMERITECH** and Section 18 of Connecticut Service Tariff for **SNET**.

- 1.2.3 **SBC-AMERITECH** will allow Requesting Carrier to designate the features and functions that are available on a particular ULS port to the extent such features and functions are activated in that switch or as may be requested by the Bona Fide Request process. When Requesting Carrier purchases ULS in **SBC-AMERITECH**, Requesting Carrier will be required to designate the features and functions that are to be activated on each ULS port.
- 1.2.4 ULS as provided by **SBC-AMERITECH** includes standard Central Office treatments (e.g., busy tones, vacant codes, fast busy, etc.), supervision and announcements.
- 1.2.5 **SBC-AMERITECH** will control congestion points such as those caused by radio station call-ins and network routing abnormalities using appropriate network capabilities. Requesting Carrier agrees to respond to **SBC-AMERITECH**'s notifications regarding network congestion.
- 1.2.6 **SBC-AMERITECH** will perform testing through ULS for Requesting Carrier's in the same manner and frequency that it performs for its own customers for an equivalent service.
- 1.2.7 **SBC-AMERITECH** will repair **SBC-AMERITECH** equipment that may adversely impact ULS.
- 1.2.8 **SBC-AMERITECH** will provide usage detail for each ULS port via a Daily Usage Feed (DUF). Requesting Carrier will be charged on a per message basis for each DUF record sent by **SBC-AMERITECH**.
- 1.2.9 **SBC-AMERITECH** will provide Requesting Carrier the functionality of blocking calls (e.g., 900 calls, toll calls) by line or trunk to the extent that **SBC-AMERITECH** provides such blocking capabilities to its End Users and to the extent required by federal and/or State law.
- 1.2.10 At SBC's discretion and upon not less than ninety (90) days' written notice to Requesting Carrier, **SBC-AMERITECH** may elect to discontinue providing ULS or to provide ULS at market prices to Requesting Carrier's serving End Users with four or more voice grade lines within any territory (each an "Exception Territory") with respect to which **SBC-AMERITECH** can demonstrate that, as of the date on which Requesting Carrier receives notice (the "Exception Notice Date"), **SBC-AMERITECH** has satisfied each of the following conditions.
- (a) A territory shall constitute an "Exception Territory" if it constitutes the service area of **SBC-AMERITECH** office(s) that is both assigned to density zone 1 and is located within one of the Top 50 Metropolitan Statistical Areas ("MSAs"). The Parties shall determine density zone

assignments by reference to the NECA Tariff No. 4, in effect on January 1, 1999. The Top 50 MSAs are those listed in Appendix B of the FCC's Third Report and Order and Fourth Further Notice of Proposed Rulemaking in CC Docket 96-98 ("UNE Remand Order"); and

- (b) In the Exception Territory where **SBC-AMERITECH** elects to offer the Enhanced Extended Loop (EEL) in accordance with the UNE Remand Order, the EEL would be available to the Requesting Carrier in the Exception Territory at prices which are set in accordance with the pricing standards of Section 252 of the Act. Such prices would be specified in Appendix Pricing. **SBC-AMERITECH** may only exercise its rights to discontinue or market-price ULS under this Section for Requesting Carrier End Users involving four or more lines.

1.2.10.1 In determining whether **SBC-AMERITECH** may exercise its rights under this Section in any particular case, the Requesting Carrier shall be obligated to disclose customer account detail similar to customer service records that **SBC-AMERITECH** provides to the Requesting Carrier through pre-ordering process.

1.2.10.2 Nothing in this Section shall preclude Requesting Carrier from using its own facilities, resold services, or any other facilities, services or serving arrangements to provide additional services to an End User customer account with respect to which **SBC-AMERITECH** may exercise its rights under this Section.

### 1.3 Customized Routing

1.3.1 Subject to switch limitations, Customized Routing is available as part of ULS upon Requesting Carrier request to handle Operator Services and/or Directory Assistance and/or all traffic as required by State jurisdiction. Requesting Carrier will pay the customized routing charges reflected in Appendix Pricing.

### 1.4 Unbundled Local Switching Usage Sensitive Rate Element

1.4.1 Usage rates will apply to ULS on a per-minute basis. See the Appendix Pricing for the state specific ULS rates (**SBC-AMERITECH**).

### 1.5 Switch Ports

1.5.1 In **SBC-AMERITECH**, a Switch Port is a termination point in the end-office switch. The charges for Switch Ports are reflected in state specific Appendix Pricing.

#### 1.5.1.1 Line Switch Ports – **SBC-AMERITECH**

1.5.1.1.1 The Analog Line Port is a line-side switch connection available in either a loop or ground start signaling configuration which is used primarily for switched voice communications.

1.5.1.1.2 The Analog Line Port can be provisioned with Centrex-like features and capabilities. When a Requesting Carrier wants to provide the Centrex-like port, a system establishment charge is applicable to translate the common block and system features in the switch.

1.5.1.1.3 The Analog Line Port can be provisioned with two-way, one-way-out, and one-way-in, directionality for PBX business applications.

1.5.1.1.4 ISDN Basic Rate Interface (BRI) Port is a 2-wire line-side switch connection which provides two 64 kbps “B” (bearer) channels for circuit switched voice and/or data and on 16 kbps “D” (delta) channel for signaling.

#### 1.5.1.2 Trunk Side Switch Ports – **SBC-AMERITECH**

1.5.1.2.1 The Analog DID Trunk Port is a 2-wire trunk-side switch port that supports Direct Inward Dialing (DID) capability for PBX business applications.

1.5.1.2.2 ISDN Primary Rate Interface (PRI) Trunk Side Port is a trunk-side switch connection that provides twenty-three 64 kbps “B” channels for digital voice and data, and one 64 kbps “D” channel.

1.5.1.2.3 DS1 Trunk Port is a trunk-side DS1 interface intended for digital PBX business applications. Also this ULS Trunk Port is used to terminate dedicated facilities associated with completing ULS Custom Routing calls.

1.5.2 Requesting Carrier may request additional port types from **SBC-AMERITECH** through the Bona Fide Request process. Switch ports are available for **SNET** pursuant to the Connecticut Access Service Tariff.

## 2. **SHARED TRANSPORT IN SBC-AMERITECH STATES**

2.1 The Unbundled Shared Transport capability of Unbundled Local Switching with Shared Transport (ULS-ST) is defined as set forth in FCC Rule 51.319.

2.1.1 **SBC-AMERITECH** shall provide access to unbundled shared transport only when purchased in conjunction with ULS ports that Requesting Carrier subscribe to for the purpose of delivering traffic from/to that Requesting Carrier's End Users as set forth below. Each of those ULS ports must be subscribed to under this Agreement.

2.1.1.1 Unbundled Local Switching is provided under Section 11 of the Appendix UNE.

2.1.1.2 "ULS-ST" refers to Unbundled Local Switching with Unbundled Shared Transport in **SBC-AMERITECH** ULS-ST is provided on a per ULS port basis.

2.1.1.3 Unbundled Network Element – Local Switching with Shared Transport is available for **SNET** pursuant to the Connecticut Access Service Tariff.

2.1.2 **SBC-AMERITECH** shall provide ULS-ST on a per ULS port basis.

2.2 **SBC-AMERITECH** shall provide to Requesting Carrier's subscribing to ULS the function of shared transport (as defined in the Third Order on Reconsideration and Further Notice of Proposed Rulemaking, Implementation of the Local Competition Provisions in the Telecommunications Act of 1996, 12 FCC Red 12460 (1997)), as described in Paragraph 56 of Attachment 1 in the August 27, 1999 *ex parte* to the FCC in *In the Matter of the SBC/Ameritech Merger*, CC Docket No. 98-141 ("FCC Conditions").

2.2.1 ULS-ST permits the Requesting Carrier to access the interoffice network of **SBC-AMERITECH** for the origination from and completion to the associated ULS port of End User local traffic to and from **SBC-AMERITECH** switches or third-party switches. ULS-ST also permits access to that interoffice network, using Common Transport and Tandem Switching components of ULS-ST, for the origination from and completion to the associated ULS port of End User toll traffic where a PIC'd/LPIC'd Interexchange Carrier for that ULS port is not directly connected to the **SBC-AMERITECH** switch providing that ULS port. "Common Transport" consists of the transport components of ULS-ST which are used when an Interexchange Carrier (IXC) is not directly connected to the **SBC-AMERITECH** end office switch and the traffic is routed through an **SBC-AMERITECH** tandem switch.

2.2.2 **SBC-AMERITECH** will not require use of dedicated transport or customized routing to complete calls using ULS-ST. Requesting Carrier is permitted to originate and complete End-User ULS-ST local traffic through the **SBC-AMERITECH** interoffice network to non-**SBC-AMERITECH** switches using a transit function associated with ULS-ST (“Shared Transport-Transit”).

2.2.3 All Requesting Carrier’s local traffic between **SBC-AMERITECH** switches will use Shared Transport and all local Requesting Carrier’s traffic to non-**SBC-AMERITECH** switches will use the transit function of Shared Transport (with this transit function being referred to as “Shared Transport-Transit”). All interexchange traffic will be routed to the interLATA (PIC) or intraLATA toll (LPIC) Interexchange Carrier, as appropriate, selected for that ULS port.

2.2.4 The Unbundled Shared Transport rate is a blend of Shared Transport and Shared Transport-Transit. **SBC-AMERITECH** reserves the right to seek separate rates for Shared Transport and Shared Transport-Transit in future negotiations to amend or replace this Agreement.

2.2.5 **SBC-AMERITECH**’s ability to provide ULS-ST is limited to existing switch and transmission facilities capacities of the **SBC-AMERITECH** network.

2.2.6 In providing ULS-ST, **SBC-AMERITECH** will use the existing **SBC-AMERITECH** routing tables contained in **SBC-AMERITECH** switches, as **SBC-AMERITECH** may change those tables from time to time including after Requesting Carrier purchases ULS-ST.

2.2.7 **SBC-AMERITECH** will provide SS7 signaling on interswitch calls originating from an ULS-ST port. Requesting Carrier will be charged for the use of the **SBC-AMERITECH** signaling on a per-call basis.

## 2.3 Custom Routing of OS/DA with ULS-ST

2.3.1 Notwithstanding Section 1.3 regarding Unbundled Local Switching, Requesting Carrier can only mix ULS-ST and custom routing within a **SBC-AMERITECH** end office switch where Requesting Carrier chooses to custom route all of its OS and/or all of its DA (OS/DA) traffic for its End Users served by **SBC-AMERITECH**’s ULS-ST ports in that **SBC-AMERITECH** end office switch. If this custom routing for OS/DA is chosen in a given **SBC-AMERITECH** end office switch, then all of that Requesting Carrier’s End Users served via ULS-ST ports in that switch will have their OS/DA traffic routed over the same custom route designated by Requesting Carrier.

- 2.3.2 Requesting Carrier must provide **SBC-AMERITECH** routing instructions necessary to establish such custom routing of OS/DA traffic in those end offices where Requesting Carrier has End Users served via ULS-ST ports. Requesting Carrier will be charged by **SBC-AMERITECH** for the establishment of each custom route for OS or DA traffic in an end office switch.
- 2.3.3 **SBC-AMERITECH** will direct all custom routed local OS and/or local DA calls using the Advanced Intelligence Network programming developed to be compatible with ULS-ST to a specific trunk group associated with an ULS Trunk Port or over an existing dedicated trunk group designated by Requesting Carrier.
- 2.3.4 Requesting Carrier will request custom OS/DA routing other than described in this Section via the Bona Fide Request process.
- 2.4 **Custom Branding of OS/DA with ULS-ST**
  - 2.4.1 Requesting Carrier will be required to provide custom branding for OS/DA calls via Service Provider Identification (SPID) branding for End Users served by Requesting Carrier purchasing **SBC-AMERITECH**'s ULS-ST ports. SPID branding must be addressed in a separate agreement between Requesting Carrier and **SBC-AMERITECH**.
- 2.5 **ULS-ST Usage-Sensitive Rating**
  - 2.5.1 **SBC-AMERITECH** will charge Requesting Carrier ULS usage rates for intraswitch and interswitch traffic originating from an ULS port and for interswitch traffic terminating to an ULS port.
  - 2.5.2 **SBC-AMERITECH** will charge Requesting Carrier using **SBC-AMERITECH**'s ULS-ST a usage-sensitive Blended Transport rate in addition to the originating ULS usage-sensitive rate for local interswitch calls. The Blended Transport rate is based upon a blend of direct and tandem-routed local traffic to/from either an **SBC-AMERITECH** end office or to/from a non-**SBC-AMERITECH** end office.
  - 2.5.3 The charges for Shared Transport are reflected in Appendix Pricing (**SBC-AMERITECH**) and Section 18 of the Connecticut Service Tariff for **SNET**.

## 2.6 Reciprocal Compensation associated with ULS-ST

2.6.1 For the traffic to which reciprocal compensation applies and subject to the other provisions in this Agreement regarding reciprocal compensation:

2.6.1.1 As to ULS-ST only, **SBC-AMERITECH** will charge Requesting Carrier using **SBC-AMERITECH**'s ULS-ST a Reciprocal Compensation rate specific to ULS-ST for interswitch local traffic originated from a ULS-ST port and terminated to a **SBC-AMERITECH** end office.

2.6.1.2 As to ULS-ST only, Requesting Carrier will reciprocally charge **SBC-AMERITECH** for interswitch local traffic originated from a **SBC-AMERITECH** end office and terminated to an ULS-ST port at the same rate as ULS usage rate associated with ULS-ST a Reciprocal Compensation rate.

2.6.2 Requesting Carrier will be solely responsible for establishing compensation arrangements with all telecommunications carriers to which ULS-ST traffic is delivered or from which ULS-ST traffic is received, including all ULS-ST traffic carried by Shared Transport-Transit.

## 2.7 IntraLATA and InterLATA Toll Rate Application

2.7.1 When an ULS-ST port is used to make or receive interLATA (including PIC) or intraLATA (including LPIC) toll traffic and that traffic is routed through **SBC-AMERITECH** tandem switch(es) and transmission facilities, **SBC-AMERITECH** will charge usage-sensitive Common Transport and Tandem Switching Rates in addition to other applicable ULS-ST charges. However, when that traffic is routed to and/or from an interexchange carrier (IXC) directly connected at the **SBC-AMERITECH** end office providing that ULS-ST port, the Common Transport and Tandem Switching rates will not apply to such traffic.

2.7.2 The ULS-ST usage-sensitive charges (per minute of use) described in this Section are set forth in the applicable Appendix Pricing.

## 2.8 Application of Usage Sensitive Charges for ULS-ST

2.8.1 ULS may include two usage sensitive components: originating ULS usage (ULS-O) and terminating ULS usage (ULS-T).

2.8.2 Intra Switch Calls - (calls originating and terminating in the same switch i.e., the same 11 digit Common Language Location Identifier (CLLI) end office):



2.8.2.1 Requesting Carrier will be charged ULS-O usage charges of use for a call originating from an Requesting Carrier ULS line port or trunk port that terminates to a **SBC-AMERITECH** end user line, Resale line, or any unbundled line port or trunk port which is connected to the same end office switch.

2.8.2.2 Requesting Carrier will be charged ULS-O usage charges for a Centrex-like ULS intercom call in which Requesting Carrier 's End User dials from one Centrex-like station to another Centrex-like station in the same common block defined system.

2.8.2.3 **SBC-AMERITECH** will not bill ULS-T usage charges for Intraswitch calls that terminate to a Requesting Carrier ULS port.

2.8.3 Interswitch Calls - calls not originating and terminating in the same switch, i.e., not the same 11-digit Common Language Location Identifier (CLLI) end office:

2.8.3.1 Local Calls

2.8.3.1.1 General Principles

2.8.3.1.1.1 When a call originates from a Requesting Carrier ULS-ST port, Requesting Carrier will be charged ULS-O usage and SS7 signaling charges. If the call routes over SBC-AMERITECH's shared transport network, Requesting Carrier will pay charges for Blended Transport usage in addition to ULS-O usage charges.

2.8.3.1.1.2 The Parties agree that, for local calls originated over ULS-ST, SBC-AMERITECH will not be required to record and will not bill actual tandem switching usage. Rather, Requesting Carrier will be charged the rate shown on Appendix Pricing UNE - Schedule of unbundled shared transport Prices labeled "ULS-ST Blended Transport," for each minute of use, whether or not the call actually traverses the tandem switch.

2.8.3.1.1.3 When a call terminates to a Requesting Carrier ULS-ST port, Requesting Carrier will pay ULS-T usage charges.

2.8.3.1.2 Illustrative Call Flows demonstrating the rate applications for ULS-ST are set forth in Exhibit A.

The following call flows provide examples of application of usage sensitive UNE charges and reciprocal compensation. The call flows below depict the charges between **SBC-AMERITECH** and Requesting Carrier A. Charges to or from Requesting Carrier B (e.g., reciprocal compensation) to or from **SBC-AMERITECH** or Requesting Carrier A are pursuant to the charging arrangement(s) between the originating and terminating carriers.

2.8.3.1.2.1 Requesting Carrier A (UNE) ULS-ST port originating and SBC-AMERITECH port terminating:

Requesting Carrier A is charged:

ULS – O Usage

Blended Transport Usage

SS7 Signaling

ULS-ST Reciprocal Compensation (equal to ULS-T rate)

2.8.3.1.2.2 SBC-AMERITECH port originating and Requesting Carrier A (UNE) ULS-ST port terminating Requesting Carrier

Requesting Carrier A is charged:

ULS – T Usage

SBC-AMERITECH is charged:

ULS-ST Reciprocal Compensation (equal to ULS-T rate)

2.8.3.1.2.3 Requesting Carrier A (UNE) port originating and Requesting Carrier B (UNE) terminating

Requesting Carrier A is charged:

ULS – O Usage

Blended Transport Usage

SS7 Signaling

2.8.3.1.2.4 Requesting Carrier Requesting Carrier A (UNE) port originating and Requesting Carrier A (UNE) port terminating

Requesting Carrier A is charged:  
ULS – O Usage

Blended Transport Usage  
SS7 Signaling  
ULS - T Usage

2.8.3.1.2.5 Requesting Carrier B (UNE) port originating  
and Requesting Carrier A (UNE) port  
terminating

Requesting Carrier A is charged:  
ULS – T Usage

2.8.3.1.2.6 Requesting Carrier (Resale services) Originating  
and Requesting Carrier A (UNE) port  
terminating

Requesting Carrier A is charged:  
ULS – T Usage

2.8.3.1.2.7 Requesting Carrier A (UNE) port originating  
and Requesting Carrier (Resale services)  
terminating

Requesting Carrier A is charged:  
ULS – O Usage  
Blended Transport Usage  
SS7 Signaling  
ULS-ST Reciprocal Compensation (equal to ULS-T  
rate)

2.8.3.1.2.8 Requesting Carrier A (UNE) port originating to  
Requesting Carrier (Facilities Based Network  
(FBN)) terminating

Requesting Carrier A is charged:

(1) ULS – O Usage

Blended Transport Usage  
SS7 Signaling

2.8.3.1.2.9 Requesting Carrier (FBN) Originating to Requesting  
Carrier A (UNE) Terminating

Requesting Carrier A is charged:  
ULS – T Usage

### 2.8.3.2 IntraLATA and InterLATA Toll Calls

#### 2.8.3.2.1 General Principles

2.8.3.2.1.1 IntraLATA calls from Requesting Carrier ULS-ST ports will be routed to the originating End User's IntraLATA Primary Interexchange Carrier (LPIC) choice. When a "1+" interLATA call is initiated from an ULS-ST port, it will be routed to the End User's interLATA (PIC) choice.

2.8.3.2.1.2 When an intraLATA or interLATA toll call originates from a Requesting Carrier ULS-ST port, SBC-AMERITECH will not charge originating access charges to Requesting Carrier or the IXC except that SBC-AMERITECH may bill the IXC for the access transport (FGD), in accordance with its access tariff, in cases where the IXC has chosen SBC-AMERITECH as its transport provider.

2.8.3.2.1.3 When an intraLATA or interLATA toll call terminates to a Requesting Carrier ULS-ST port, SBC-AMERITECH will not charge terminating access to Requesting Carrier or the IXC except that SBC-AMERITECH may bill the IXC for the access transport (FGD), in accordance with its access tariff, in cases where the IXC has chosen SBC-AMERITECH as its transport provider.

2.8.3.2.2 Illustrative Call Flows demonstrating the rate applications for ULS-ST are set forth in Exhibit A.

2.8.3.2.2.1 Requesting Carrier A (UNE) port originating to IXC

If call is routed to IXC POP via direct-route (IXC FGD Trunking)—

Requesting Carrier A is charged:  
ULS – O Usage  
SS7 Signaling

If call is routed to IXC POP via SBC-AMERITECH Tandem—

Requesting Carrier A is charged:

ULS – O Usage

SS7 Signaling

ULS-ST Common Transport Usage

ULS-ST Tandem Usage

2.8.3.2.2.2 IXC to Requesting Carrier A (UNE) port terminating

Requesting Carrier

If call is routed from IXC POP via direct-route (IXC FGD Trunking)—

Requesting Carrier A is charged:

Requesting Carrier ULS – T Usage

If call is routed from IXC POP via SBC-AMERITECH Tandem—

Requesting Carrier A is charged:

ULS – T Usage

ULS-ST Common Transport Usage

ULS-ST Tandem Usage

### 2.8.3.3 Toll Free Calls

2.8.3.3.1 When Requesting Carrier uses an ULS-ST port to initiate an intraLATA 800-type call, **SBC-AMERITECH** will perform the appropriate database query and will route the call to terminating **SBC-AMERITECH** “Success 800” subscriber. Requesting Carrier will be charged the 800 database query, ULS-O usage, and SS7 signaling charges.

2.8.3.3.2 When Requesting Carrier uses an ULS-ST port to initiate an 800-type call where the terminating port is not a **SBC-AMERITECH** “Success 800” subscriber, **SBC-AMERITECH** will perform the appropriate database query and route the call to the indicated IXC. Requesting Carrier will pay the 800 database query, ULS-O usage, and SS7 signaling charges. If 800-type call is routed using **SBC-AMERITECH** tandem, then **SBC-AMERITECH** will also charge ULS-ST Common Transport and ULS-ST Tandem Switching usage charges. **SBC-AMERITECH** will not charge originating access charges to Requesting Carrier or the

IXC except that **SBC-AMERITECH** may bill the IXC for the access transport (FGD), in accordance with its access tariff, in cases where the IXC has chosen **SBC-AMERITECH** as its transport provider

## **SCHEDULE 9.5**

### **PROVISIONING OF NETWORK ELEMENTS**

#### **1.0 General Provisioning Requirements.**

- 1.1 Requesting Carrier may order from Ameritech multiple individual Network Elements on a single order without the need to have Requesting Carrier send an order for each such Network Element if such Network Elements are (i) for a single type of service, (ii) for a single location and (iii) for the same account and Requesting Carrier provides on the order the same detail as required when such Network Elements are ordered individually.
- 1.2 Ameritech shall provide provisioning services to Requesting Carrier Monday through Friday from 8:00 a.m. to 5:00 p.m. CST. Requesting Carrier may request Ameritech to provide Saturday, Sunday, holiday, and/or off-hour provisioning services. If Requesting Carrier requests that Ameritech perform provisioning services at times or on days other than as required in the first sentence of this Section 1.2, Ameritech shall quote, within three (3) Business Days of the request, a cost-based rate for such services. If Requesting Carrier accepts Ameritech's quote, Ameritech shall perform such provisioning services.
- 1.3 Ameritech shall provide a Single Point of Contact (each, a SPOC) for ordering and provisioning contacts and order flow involved in the purchase and provisioning of Ameritech's unbundled Network Elements. The SPOCs shall provide an electronic interface between 5:30 a.m. and 10:30 p.m. (CST) Monday through Friday and 5:30 a.m. to 6:00 p.m. (CST) Saturday. Each SPOC shall also provide to Requesting Carrier a telephone number (operational from 8:00 a.m. to 5:00 p.m. CST, Monday through Friday) which will be answered by capable staff trained to answer questions and resolve problems in connection with the provisioning of Network Elements.
- 1.4 Ameritech shall provide to Requesting Carrier a single point of contact (the "Unbundling Ordering Center") for ordering unbundled Network Elements. A telephone number will be provided from 7:00 a.m. to 5:00 p.m. CST, Monday through Friday. This Unbundling Ordering Center is responsible for order acceptance, order issuance, and return of a Firm Order Confirmation to Requesting Carrier as specified in this Schedule 9.5.

In addition, Ameritech shall provide to Requesting Carrier a single point of contact (the "Network Element Control Center" or "NECC") for all provisioning, maintenance, repair, and cutover coordination. Ameritech shall provide Requesting Carrier a telephone number for the NECC (operational from 6:30 a.m. to 12:00 a.m. CST Monday through Friday). Out of hours maintenance questions are handled by a "Fold Down Center."

- 1.5 Ameritech will recognize Requesting Carrier as the Customer of Record of all Network Elements ordered by Requesting Carrier and will send all notices, invoices and pertinent Customer information directly to Requesting Carrier.
- 1.6 When requested by Requesting Carrier, Ameritech will schedule installation appointments with Ameritech's representative on the line with Requesting Carrier's representative until Requesting Carrier has access to Ameritech's scheduling system.
- 1.7 Ameritech will provide Requesting Carrier with a Firm Order Confirmation (FOC) for each order, within forty-eight (48) hours of Ameritech's receipt of that order, or within a different time interval agreed upon by the Implementation Team. The FOC must contain an enumeration of Requesting Carrier's ordered Network Elements features, options, physical Interconnection, quantity, and Ameritech commitment date for order completion ("Committed Due Date"), which commitment date shall be established on a nondiscriminatory basis with respect to installation dates for comparable orders at such time.
- 1.8 If an order is submitted to Ameritech electronically, Ameritech will provide Requesting Carrier (unless otherwise notified by Requesting Carrier) upon completion of that order a completed order confirmation that states when that order was completed.
- 1.9 Ameritech will perform pre-testing of Network Elements in accordance with Ameritech's standards. At Requesting Carrier's request, Ameritech will make available to Requesting Carrier on a weekly batch basis any available test and turn-up results in support of the Network Elements ordered by Requesting Carrier. Requesting Carrier shall be responsible for any costs incurred by Ameritech to provide copies of any available results. If Requesting Carrier requests Ameritech to provide Requesting Carrier with any test or turn-up results which Ameritech does not then generate, Requesting Carrier shall request such results through the Bona Fide Request process.
- 1.10 As soon as identified, Ameritech shall provide notification electronically of Requesting Carrier orders that are incomplete or incorrect and therefore cannot be processed.
- 1.11 As soon as identified, Ameritech shall provide notification electronically of any instances when Ameritech's Committed Due Dates are in jeopardy of not being met by Ameritech on any element or feature contained in any order for Network Elements. Ameritech shall indicate its new committed due date as soon as such date is available.
- 1.12 Within twenty-four (24) hours of Requesting Carrier's request, Ameritech will perform cooperative testing with Requesting Carrier (including trouble shooting to isolate any problems) to test Network Elements purchased by Requesting Carrier in order to identify any performance problems.



- 1.13 Subject to Article IX, Network Elements will be provisioned with a combination of customer-specific and bulk orders as specified by Requesting Carrier.
- 1.14 For orders of Network Elements (and INP with the installation of a Loop) that require coordination among Ameritech, Requesting Carrier and Requesting Carrier's Customer, Requesting Carrier shall be responsible for any necessary coordination with the Requesting Carrier Customer.

## **2.0 Unbundled Local Loop Transmission**

### **2.1 Access to Unbundled Local Loops.**

2.1.1 Requesting Carrier shall access Ameritech's Unbundled Local Loops via Collocation or in accordance with Article IX of this Agreement at the Ameritech Wire Center where that element exists and each Loop shall be delivered to Requesting Carrier's Collocation by means of a Cross-Connection, which shall be an additional charge.

2.1.2 Ameritech shall provide Requesting Carrier access to its unbundled Loops at each of Ameritech's Wire Centers. In addition, if Requesting Carrier requests one or more Loops serviced by Integrated Digital Loop Carrier or Remote Switching technology deployed as a Loop concentrator, Ameritech shall, where available, move the requested Loop(s) to a spare, existing physical Loop at no charge to Requesting Carrier. If, however, no spare physical Loop is available, Ameritech shall within forty-eight (48) hours of Requesting Carrier's request notify Requesting Carrier of the lack of available facilities. Requesting Carrier may then at its discretion make a Bona Fide Request for Ameritech to provide the unbundled Loop through the demultiplexing of the integrated digitized Loop(s). Notwithstanding anything to the contrary in this Agreement, the provisioning intervals set forth in Section 2.2.2 of this Schedule and the Ameritech Network Element Performance Benchmarks set forth in Schedule 9.10 of this Agreement shall not apply to unbundled Loops provided under this Section 2.1.2.

2.1.3 If Requesting Carrier orders a Loop type and the distance requested on such Loop exceeds the transmission characteristics as referenced in the corresponding Technical Reference specified below, distance extensions may be requested where technically feasible to meet the specification using such distance extensions. Requesting Carrier shall compensate Ameritech for the costs incurred to provide such distance extensions.

Loop Type	Technical Reference/Limitation
Electronic Key Line	2.5 miles
ISDN	Bellcore TA-NWT-000393
HDSL 2W	T1E1 Technical Report Number 28

HDSL 4W	T1E1 Technical Report Number 28
ADSL 2W	ANSI T1.413-1995 Specification

## 2.2 Provisioning of Unbundled Loops.

The following coordination procedures shall apply for conversions of **“live”** Telephone Exchange Services to unbundled Network Elements:

2.2.1 Requesting Carrier shall request unbundled Loops from Ameritech by delivering to Ameritech a valid electronic transmittal service order (a **“Service Order”**) using the electronic interface described on **Schedule 9.2.6**. Within forty eight (48) hours of Ameritech’s receipt of a Service Order, Ameritech shall provide Requesting Carrier the FOC that sets forth the Committed Due Date according to the applicable Ameritech Network Element Performance Benchmarks set forth in **Section 9.10** of this Agreement by which the Loop(s) covered by such Service Order will be installed.

2.2.2 Ameritech shall provision unbundled Loops in accordance with the time frames set forth on **Schedule 9.10** or within such other intervals as agreed upon by the Parties.

2.2.3 Ameritech and Requesting Carrier shall coordinate to designate, at least forty-eight (48) hours prior to the Committed Due Date, a scheduled conversion date and time (the **“Scheduled Conversion Time”**) in the **“A.M.”** (12:00 midnight to 12:00 noon) or **“P.M.”** (12:00 noon to 12:00 midnight) (as applicable, the **“Conversion Window”**).

2.2.4 Not less than one (1) hour prior to the Scheduled Conversion Time, either Party may contact the other Party and unilaterally designate a new Scheduled Conversion Time (the **“New Conversion Time”**). If the New Conversion Time is within the Conversion Window, no charges shall be assessed on or waived by either Party. If, however, the New Conversion Time is outside of the Conversion Window, the Party requesting such New Conversion Time shall be subject to the following:

If Ameritech requests the New Conversion Time, the applicable Line Connection Charge shall be waived; and

If Requesting Carrier requests the New Conversion Time, Requesting Carrier shall be assessed a Line Connection Charge in addition to the Line Connection Charge that will be incurred for the New Conversion Time.

2.2.5 Ameritech shall test for Requesting Carrier dial-tone (**“Dial Tone Test”**) at Ameritech’s MDF for Requesting Carrier’s Virtual Collocated equipment or Physical Collocated equipment during a window not greater than forty-eight (48) hours but not less than eight (8) hours prior to the Scheduled Conversion Time (or New Scheduled Time, as applicable). Ameritech shall perform the Dial Tone Test at no charge for one Contract Year. Thereafter,

Ameritech shall recover from Requesting Carrier for Dial Tone Test on a time and materials basis any costs (as defined in Section 252(d) of the Act) for providing such Dial Tone Test.

2.2.6 Except as otherwise agreed by the Parties for a specific conversion, the Parties agree that the time interval expected from disconnection of “live” Telephone Exchange Service to the connection of an unbundled Network Element at the Requesting Carrier Collocation interface point will be sixty (60) minutes or less. If a conversion interval exceeds sixty (60) minutes and such delay is caused solely by Ameritech (and not by a Delaying Event), Ameritech shall waive the applicable Line Connection Charge for such element. If Requesting Carrier has ordered INP with the installation of a Loop, Ameritech will coordinate the implementation of INP with the Loop conversion during the sixty (60) minute interval at no additional charge.

2.2.7 Requests for maintenance or repair of unbundled Loops are initiated using the industry standard “electronic bonding” interface (EBI) and are handled by the Ameritech Unbundling Service Center (“USC”). The USC works with local Ameritech personnel to perform any manual testing that may be required to isolate the trouble.

### **3.0 Network Interface Device Capability.**

3.1 Ameritech will provide Requesting Carrier access to NIDs in a manner that will permit Requesting Carrier to connect its loop facilities to the Customer’s inside wiring through Ameritech’s NID, as required. Requesting Carrier shall establish this connection through an adjoining NID provided by Requesting Carrier.

3.2 Due to the wide variety of NIDs utilized by Ameritech (based on Customer size and environmental considerations), Requesting Carrier may access the Customer’s inside wire by any of the following means:

- (a) (Where an adequate length of inside wire is present and environmental conditions permit, Requesting Carrier may remove the inside wire from Ameritech’s NID and connect that wire to Requesting Carrier’s NID;
- (b) Enter the Customer access chamber or “side” of “dual chamber” NID enclosures for the purpose of extending a connectorized or spliced jumper wire from the inside wire through a suitable “punch-out” hole of such NID enclosures;
- (c) Enter Ameritech’s loop terminal enclosure located at a multiple dwelling unit (“MDU”) for the purpose of accessing Customer premises inside wire and extending such wire to Requesting Carrier’s own adjoining NID; or
- (d) Request Ameritech to make other rearrangements to the inside wire terminations or terminal enclosure on a time and materials cost basis to be charged to the requesting party (i.e., Requesting Carrier, its agent, the building owner or the Customer).

To the extent that Ameritech completes any of the work described in this **Section 3.2**, Ameritech shall bill the time and materials charges associated with such work to the party that requested such work (i.e., Requesting Carrier, its agent, the building owner or the Customer).

3.3 In no case shall Requesting Carrier remove or disconnect Ameritech's loop facilities from Ameritech's NIDs, enclosures, or protectors.

3.4 In no case shall Requesting Carrier remove or disconnect ground wires from Ameritech's NIDs, enclosures, or protectors.

3.5 Maintenance and control of premises wiring (inside wire) is the responsibility of the Customer. Any conflicts between service providers for access to the Customer's inside wire must be resolved by the Customer.

3.6 Due to the wide variety of NID enclosures and outside plant environments, Ameritech will work with Requesting Carrier to develop specific procedures to establish the most effective means of implementing this **Section 3.0**.

#### **4.0 DELETED**

##### **4.1 DELETED**

##### **4.2 DELETED**

##### **4.3 Tandem Switching**

4.3.1 Tandem Switching creates a temporary transmission path between interoffice trunks that are interconnected at a switch for the purpose of routing a call or calls. Unbundled Tandem Switching is ordered using electronic interfaces. Trunk-side ports are ordered using the Access Service Request ("**ASR**") which provides for electronic ordering based on industry standards adopted through OBF. ASR is the process used as of the Effective Date to order Exchange Access Services. Both pre-ordering and ordering functions and access to associated Operations Support Systems functions are supported electronically through these interfaces.

4.3.2 Ameritech will service, operate, and maintain the unbundled Tandem Switching for Requesting Carrier at parity with the service, operation, and maintenance Ameritech provides to itself, its subsidiaries, Affiliates and any other person. Unless requested otherwise, where applicable and technically feasible, Ameritech will provide unbundled Tandem Switching using the same specifications, interfaces, parameters, intervals, procedures and practices it uses to provide comparable Tandem Switching for all other Customers and carriers. Any feature or function existing in the Tandem Switch will be provided to Requesting Carrier on a non-discriminatory basis. Congestion control and overflow routing will be provided on a non-discriminatory basis.

4.3.3 Electronic Billing Accuracy Centers (EBAC) measures billing errors from the CABS error hold file report. Ameritech employs RAVE/A&T which enables on-line investigation of AMA volumes and will alert EBAC to possible AMA recording failures.

## **5.0 Interoffice Transmission Facilities.**

Ameritech shall:

5.1 Provide Requesting Carrier exclusive use of Interoffice Transmission Facilities dedicated to Requesting Carrier, or use of the features, functions, and capabilities of Interoffice Transmission Facilities shared by more than one Customer or carrier, including Requesting Carrier;

5.2 Provide all technically feasible transmission facilities, features, functions, and capabilities that Requesting Carrier could use to provide Telecommunications Services;

5.3 Permit, to the extent technically feasible, Requesting Carrier to connect such interoffice facilities to equipment designated by Requesting Carrier, including Requesting Carrier's Collocated facilities; and

5.4 Permit, to the extent technically feasible, Requesting Carrier to obtain the functionality provided by Ameritech's digital cross-connect systems separate from dedicated transport.

## **6.0 Signaling Networks and Call-Related Databases**

### **6.1 Signaling Networks.**

6.1.1 If Requesting Carrier purchases Switching Capability from Ameritech, Ameritech shall provide access to its signaling network from that switch in the same manner in which Ameritech obtains access to such switch itself. In addition, Ameritech shall provide Requesting Carrier access to Ameritech's signaling network for each of Requesting Carrier's switches when Requesting Carrier uses its own switching facilities. This connection shall be made in the same manner as Ameritech connects one of its own switches to an STP. Notwithstanding the foregoing, Ameritech shall not be required to unbundle those signaling links that connect Service Control Points to STPs or to permit Requesting Carrier to link its own STPs directly to Ameritech's switch or call-related databases.

6.1.2 If Requesting Carrier has its own switching facilities, Ameritech shall provide Requesting Carrier access to STPs to each of Requesting Carrier's switches, in the same manner in which Ameritech connects one of its own switches to an STP, or in any other technically feasible manner (e.g., bringing an "A" link from Requesting Carrier's switch to Ameritech's STP, or linking Requesting Carrier's switch to its own STP and then connecting that STP to Ameritech's STP via a "B" or "D" link); provided that Ameritech shall not be required to (i) unbundle the signaling link connecting SCPs to STPs, (ii) permit direct linkage of Requesting Carrier's own STPs to Ameritech's switch or call-related databases or (iii) unbundle an SCP from its associated STP.

6.1.3 The Parties shall agree upon appropriate mediation facilities and arrangements for the Interconnection of their signaling networks and facilities, as necessary to adequately safeguard against intentional and unintentional misuse of the

signaling networks and facilities of each Party. Such arrangements shall provide at a minimum:

- Certification that Requesting Carrier's switch is compatible with Ameritech's SS7 network;
- Certification that Requesting Carrier's switch is compatible with Ameritech's AIN SCP;
- Certification that Requesting Carrier's switch is compatible with a desired AIN application residing on Ameritech's SCP;
- Agreement on procedures for handling maintenance and troubleshooting related to AIN services;
- Usage of forecasts provided by Requesting Carrier, so that Ameritech can provide sufficient SS7 resources for Requesting Carrier and all other requesting carriers;
- Mechanisms to control signaling traffic at agreed-upon levels, so that Ameritech's SS7 resources can be fairly shared by all requesting carriers;
- Mechanisms to restrict signaling traffic during testing and certification, as necessary to minimize risks to the service quality experienced by Customers served by Ameritech's network and those of other carriers while compatibility and interconnection items are verified; and
- Mechanisms to ensure protection of the confidentiality of Proprietary Information of both carriers and Customers.

## 6.2 Call-Related Databases.

6.2.1 For purposes of switch query and database response through a signaling network, Ameritech shall provide Requesting Carrier access to its call-related databases, including the Line Information Database, Toll Free Calling database, downstream number portability databases, and Advanced Intelligent Network databases by means of physical access at the STP linked to the unbundled database.

6.2.2 If Requesting Carrier purchases Unbundled Local Switching, Requesting Carrier may, upon request, use Ameritech's SCP in the same manner, and via the same signaling links, as Ameritech. If Requesting Carrier has deployed its own switch, and has linked that switch to Ameritech's signaling system, Requesting Carrier shall be given access to Ameritech's SCP in a manner that allows Requesting Carrier to provide any call-related, database-supported services to Customers served by Requesting Carrier's switch. If the Implementation Team is unable to agree in the Implementation Plan to appropriate mediation mechanisms with respect to access to the AIN SCPs, the Parties shall adopt the mechanisms adopted by the Commission. Ameritech shall provide

Requesting Carrier access to call-related databases in a manner that complies with the CPNI requirements of Section 222 of the Act.

6.2.3 The Parties shall agree upon appropriate mediation facilities arrangements for the Interconnection of their signaling networks, databases, and associated facilities, as necessary to adequately safeguard against intentional and unintentional misuse of the signaling networks and facilities of each Party. Such arrangements shall provide for at a minimum:

- Capabilities to protect each Party's information;
- Agreements on handling maintenance and troubleshooting related to AIN services;
- Usage forecasts provided by Requesting Carrier so that Ameritech can provide sufficient resources for other requesting carriers, and capabilities to ensure that the Parties abide by such forecasts;
- Procedures to ensure, prior to deployment, that each service will properly operate within Ameritech's network;
- Procedures to verify proper deployment of each service in the network; and
- Mechanisms to ensure protection of the confidentiality of proprietary information of both carriers and customers.

### 6.3 Service Management Systems.

6.3.1 Ameritech shall provide Requesting Carrier with the information necessary to enter correctly, or format for entry, the information relevant for input into Ameritech's Service Management System ("SMS"). In addition, Ameritech shall provide Requesting Carrier equivalent access to the SMS to design, create, test, and deploy Advanced Intelligent Network.

6.3.2 Access to the SMS will be provided in an equivalent manner to that which Ameritech currently uses to provide such access to itself (e.g., submitting magnetic tapes if Requesting Carrier inputs magnetic tapes, or through an electronic interface equivalent to that used by Requesting Carrier). The Implementation Team shall set forth in the Implementation Plan the terms and conditions relating to such access. If the Implementation Team is unable to agree to appropriate mediation mechanisms with respect to access to the AIN SMSs and SCEs, the Parties shall adopt the mechanisms adopted by the Commission.

6.3.3 Ameritech shall provide access to its SMS in a manner that complies with the CPNI requirements of Section 222 of the Act.

## **7.0 Operations Support Systems Functions**

7.1 Ameritech shall provide Requesting Carrier access to, and Requesting Carrier shall use the, Operations Support Systems functions on or before the dates set forth on the Implementation Schedule.

7.2 Ameritech shall also provide Requesting Carrier access to and Requesting Carrier shall use the functionality of any internal gateway systems Ameritech employs in performing the OSS functions described in **Schedule 9.2.6** for its own Customers. A “gateway system” means any electronic interface Ameritech has created for its own use in accessing support systems for providing any of such OSS functions.

## **8.0 Operator Services and Directory Services.**

8.1 Ameritech shall provide Requesting Carrier access to Ameritech’s Operator Service and Directory Assistance facilities where technically feasible.

8.2 Ameritech shall provide unbundled Operator Services (“OS”) and Directory Assistance (“DA”) to Requesting Carrier as an Unbundled Local Switching Network Element or directly as a separate Network Element. A list identifying the NPA/Exchange areas of Ameritech Directory Assistance, and dependent Information Call Completion services will be provided to Requesting Carrier and will be updated as such DA services are provided in additional NPA/Exchange Areas.

8.3 Requesting Carrier will obtain any required custom routing and obtain or provide the necessary direct trunking and termination facilities to the mutually agreed upon meet point with Ameritech facilities for access to unbundled OS and DA services. Requesting Carrier is responsible for delivering its OS and DA traffic to Ameritech’s operator service switch. Specifically, Requesting Carrier shall deliver its traffic direct from the End Office to the operator service switch location, and there can be no Tandem Switching for OS. The operator service location to which Requesting Carrier will deliver its OS or DA traffic will be determined by Ameritech based on the existing capacity of its service centers. Ameritech will, if technically feasible, enable Requesting Carrier to deliver its OS or DA traffic to the operator service switch most closely located to the Requesting Carrier’s NPA/exchange originating the call.

8.4 Ameritech will provide and maintain the equipment at its OS and DA centers necessary to perform the services under this Agreement, with the goal of ensuring that the OS and DA service meets current industry standards.

8.5 Ameritech will provide OS and DA in accordance with its then current internal operating procedures and/or standards.

8.6 Ameritech will maintain a quality of service that will satisfy the standards, if any, established by the Commission having jurisdiction over the provision of such service. Requesting Carrier has the right, once annually, to visit each Ameritech owned or subcontracted office upon reasonable notice to Ameritech or with greater frequency by mutual consent of the



Parties. Upon request, Ameritech will provide monthly system results regarding speed of answer, average work time and, for DA only, abandon from queue measurements.

8.7 Requesting Carrier is solely responsible for providing all equipment and facilities to deliver OS and DA traffic to the point of Interconnection with Ameritech facilities.

8.8 Requesting Carrier will provide and maintain the equipment at its offices necessary to permit Ameritech to perform its services in accordance with the equipment operations and traffic operations which are in effect in Ameritech's DA and OS offices. Requesting Carrier will locate, construct, and maintain its facilities to afford reasonable protection against hazard and interference.

8.9 Upon request and to the extent technically feasible, Ameritech will unbundle OS and DA from resellers of its Telephone Exchange Service, and for Requesting Carrier, so Requesting Carrier can provide its own OS or DA service or obtain it from a third party. Also, upon request, Ameritech will provide unbundled OS and/or DA as a stand alone unbundled Network Element to Requesting Carrier. In either case, Requesting Carrier is required to obtain any required custom routing and to arrange for or provide other facilities, services and Network Elements necessary to deliver its OS and DA traffic to Ameritech's designated office, or to the office of another provider, as applicable.

8.10 Upon request, and as technically feasible, Ameritech will provide through an electronic interface, unbundled access to its databases used to provide DA and OS for purpose of enabling Requesting Carrier to provide its own OS or DA service, or as otherwise authorized by the FCC or the Commission. Such unbundled access to DA and OS databases is provided as is technically feasible based upon the facilities, equipment and software involved, and upon agreement by Requesting Carrier to pay to Ameritech its costs of developing, installing, providing and maintaining such Network Element.

8.11 Specifically, upon request, Ameritech will provide through an electronic interface, unbundled access to its DA database to permit Requesting Carrier to have its local exchange directory assistance listings in the areas incorporated into the database, and/or to read the DA listing (with the exception of non-published listing) in that database for the purpose of providing its own DA service. Such unbundled access will be provided in a technically feasible manner based upon the facilities, equipment and software involved, and upon agreement by Requesting Carrier to pay to Ameritech its costs of developing, installing, providing and maintaining such Network Element.

8.12 Access of resellers and Requesting Carrier to DA and OS of Ameritech, and the DA and OS Network Elements provided hereunder, whether provided on a bundled or unbundled basis, will, as applicable and as feasible, be provided through the standard interfaces, parameters, intervals, service descriptions, protocols, procedures, practices and methods that Ameritech uses for other customers of its DA and OS services.

8.13 Requesting Carrier will furnish to Ameritech all information necessary for provision of OS and DA. This information, to the extent it is identified as such, shall be treated as Proprietary Information. For OS this information includes emergency agency phone numbers,

rate information (such as mileage bands and operator surcharge information), and originating screening information.

8.13.1 To the extent that Requesting Carrier does not mirror Ameritech's operator surcharge rates, then Ameritech will, if technically feasible, enter Requesting Carrier's surcharge rates into Ameritech's rate tables, and will charge Requesting Carrier for changing those tables at the rates then charged by Ameritech for such service.

8.13.2 For DA services, Requesting Carrier will furnish Ameritech ninety (90) days (or such earlier time as the Parties may agree upon) before DA service is initiated details necessary to provide that service. This information includes listing information for the areas to be served by Ameritech and network information necessary to provide for the direct trunking of the DA calls.

8.13.3 Requesting Carrier will keep these records current and will inform Ameritech, in writing, at least thirty (30) days prior to any changes in the format to be made in such records. Requesting Carrier will inform Ameritech of other changes in the records on a mutually agreed-upon schedule.

8.14 Upon request, and as technically feasible, Ameritech will re-brand such OS and DA services based upon Requesting Carrier's obtaining or providing any required facilities, services, Network Elements and custom routing, and their agreement to pay rates that compensate Ameritech for any costs it incurs in developing, installing, providing and maintaining such rebranded service. For branding of calls, Requesting Carrier must provide two (2) cassette tapes of an announcement, no longer than three (3) seconds, for installation on each OS and DA switch serving Requesting Carrier's Customers.

8.15 Branding: Re-branding is available as follows:

(a) (Mechanized front-end branding is available for all manual and automated OS calls.

(b) Mechanized back-end branding is available for automated calling card calls handled via ACCS.

(c) On mechanized collect and billed-to-third calls, back-end branding is not currently available.

(1) Such calls can be manually handled and branded.

(2) If Customer desires mechanized branding, the feature can be installed if Requesting Carrier pays for feature purchase and installation.

Normally, OS and DA services, both bundled and unbundled, will be branded with Ameritech's name as the provider of the service. Upon request from Requesting Carrier, and as technically feasible, Ameritech will re-brand OS and DA traffic from Requesting Carrier's telephone exchange lines, or to Requesting Carrier's unbundled OS or DA network element. Re-branded service requires that Requesting Carrier arrange to have the subject OS or DA traffic

delivered to Ameritech's Central Office on separate trunks, which may require that it obtain custom routing, and obtain or provide such trunks and other applicable facilities.

Re-branding is provided at rates that recover Ameritech's costs of developing, installing, providing and maintaining such service.

8.16 Requesting Carrier grants to Ameritech during the term of this Agreement a non-exclusive license to use the DA listings provided pursuant to this Agreement. DA listings provided to Ameritech by Requesting Carrier under this Agreement will be maintained by Ameritech only for providing DA information, and will not be disclosed to third parties. Nothing in this Agreement shall prohibit Ameritech and Requesting Carrier from entering into a separate agreement which would allow Ameritech to provide or sell Requesting Carrier's DA listing information to third parties, but such provision or sale would only occur under the terms and conditions of such separate agreement.

8.17 Ameritech will supply Requesting Carrier with call detail information so that Requesting Carrier can rate and bill the call. This information excludes rating and invoicing of Customers, unless negotiated on an individual case basis.